● PRINTER RUSH ● (PTO ASSISTANCE)

Application : 10/652,5	E Examiner: _	Hook	GAU:	3752								
From: <i>MB</i>		DC FMF FDC	Date:	3752 11/13/04								
1FW(E) Tracking #: 06006782 Week Date: 9/6/04												
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[XRUSH] RESPONSE:												
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NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04



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BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 9136

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Charles W. Extrand, Minneapolis, MN;												
Michael Wright,	Greer	nwood, MN;										
This appln claims benefit of 60/462,963 04/15/2003 10/454,742 6/03/2003 **FOREIGN APPLICATIONS **MALLA IF REQUIRED, FOREIGN FILING LICENSE GRANTED **11/20/2003												
Foreign Priority claimed				STATE OR	SI	SHEETS		٩L	INDEPENDENT			
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ADDRESS 24113 PATTERSON, THUENTE, SKAAR & CHRISTENSEN, P.A. 4800 IDS CENTER 80 SOUTH 8TH STREET MINNEAPOLIS , MN 55402-2100												
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MICROFLUIDIC DEVICE WITH ULTRAPHOBIC SURFACES

RELATED APPLICATIONS

This application claims the benefit of U.S. Provisional Patent Application Serial No. 60/462963, entitled "Ultraphobic Surface for High Pressure Liquids", filed April 15, 2003, hereby fully incorporated herein by reference. This application further claims the benefit of U.S. Utility Patent Application Serial No. 10/454,742 entitled "Fluid Handling Component With Ultraphobic Surfaces", filed June 3, 2003, also hereby fully incorporated herein by reference.

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FIELD OF THE INVENTION

This invention relates generally to microfluidic devices, and more specifically to a microfluidic device having ultraphobic fluid contact surfaces.

BACKGROUND OF THE INVENTION

There has been much recent interest and effort directed to developing and using microfluidic devices. Microfluidic devices have already found useful application in printing devices and in so-called "lab-on-a-chip" devices, wherein complex chemical and biochemical reactions are carried out in microfluidic devices. The very small volumes of liquid needed for reactions in such a system enables increased reaction response time, low sample volume, and reduced reagent cost. It is anticipated that a myriad of further applications will become evident as the technology is refined and developed.